

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Loyd E. East, Jr., et al)	Art Unit:	Unknown
Serial No.:	Unknown)		
Filed:	Concurrently Herewith)	Examiner:	Unknown
For:	Method of Optimizing)		
	Production of Gas From)		
	Vertical Wells in Coal)		
	Seams)		

INFORMATION DISCLOSURE STATEMENT

COMMISSIONER FOR PATENTS
Alexandria, VA 22313-1450

SIR:

The following documents are known to Applicants or Applicants' attorneys and are submitted for the Examiner to consider in the above-captioned application.

U. S. PATENTS

U.S. Patent Number 5,499,678 issued 03/19/96 to Jim B. Surjaatmadja, et al;

U.S. Patent Number 5,765,642 issued 06/16/98 to Jim B. Surjaatmadja;

U.S. Patent Number 6,280,000 issued 08/28/01 to Joseph A. Zupanick; and

U.S. Patent Number 6,604,580 issued 08/12/03 to Joseph A. Zupanick, et al.

OTHER MATERIAL

U.S. Serial No. _____, entitled "Methods for Geomechanical Fracture Modeling" by Mohamed Y. Soliman, et al.

Copies of the aforementioned references and Form PTO-1449 are submitted herewith.

Respectfully submitted,



Robert A. Kent
Registration No. 28,626
Halliburton Energy Services
P. O. Box 1431
Duncan, OK 73536-0440
580-251-3125

PTO-1449 Information Disclosure Citation in an Application	Application No.	Applicant(s)
		Loyd East, Mohamed Soliman, S. Dana Weida, Jim B. Surjaatmadja
	Docket Number HES 2003-IP-011867	Group Art Unit Filing Date

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

NON-PATENT DOCUMENTS

DOCUMENT (Including Author, Title, Source, and Pertinent Pages)		
		U.S. Serial No. _____, entitled "Methods for Geomechanical Fracture Modeling" by Mohamed Y. Soliman, et al.

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	